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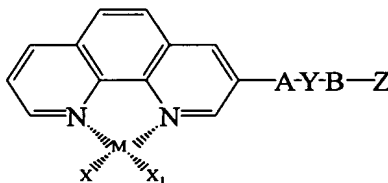
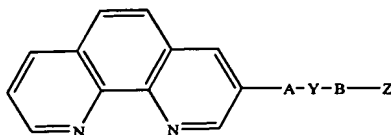
Please amend the above identified application as follows:

In the Claims:

Please cancel claims 1-3, 6-8, 11 and 14, without prejudice or disclaimer, as being drawn to a non-elected invention.

Please amend the following claims:

26. (Amended) A compound represented by one of the formulae:



wherein

M is a transition metal ion;

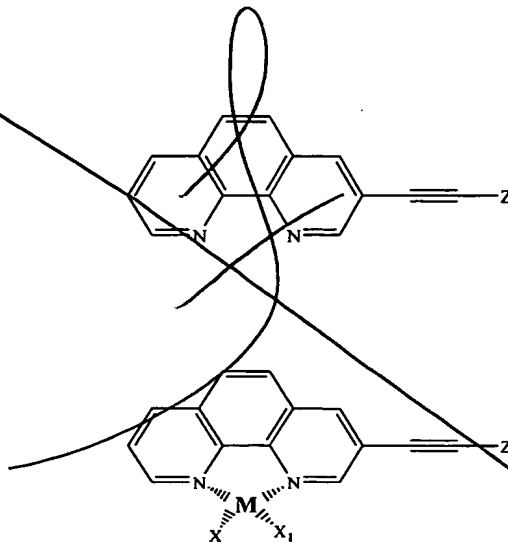
[A and B are selected from carbon or nitrogen, Y is a bond, and the] A-Y-B represents a two atom linkage with variable bonding represented by Y and the entire moiety is selected from the group consisting of, acetylene, acetene, [alkene] azo [or] and imine;

X and X_1 are co-ligands, wherein at least one of X and X_1 is present; and

Z is selected from the group consisting of:

- a) C_1-C_{20} alkyl[.];
- b) [substituted alkyl] C_1-C_{20} alkyl group substituted with at least one substitution group selected from the group consisting of C_1-C_{20} alkyl, aromatic group as defined below, amino, nitro, phosphorus containing moieties, sulfur containing moieties, ethers, esters, halogens, amino acids, proteins, nucleosidyl moieties, nucleotidyl moieties, nucleic acids, carbohydrates and lipids;
- c) an aromatic group selected from the group consisting of aryl groups, heterocyclic rings including at least one heteroatom from the group consisting of nitrogen, oxygen, sulfur or phosphorus, or polynuclear heterocyclic rings from the group consisting of naphthyl, naphthalene, anthracene and phenanthroline; and
- d) a substituted aromatic group substituted with at least one substitution group selected from the group consisting of C_1-C_{20} alkyl, aromatic group as defined above, amino, nitro, phosphorus containing moieties, sulfur containing moieties, nucleotidyl moieties, nucleic acids, carbohydrates and lipids.

27. (Amended) A compound represented by one of the formulae:



wherein

M is a transition metal ion;

X and X₁ are co-ligands, wherein at least one of X and X₁ is present; and

Z is selected from the group consisting of:

- a) C₁-C₂₀ alkyl[_n];
- b) [substituted alkyl] C₁-C₂₀ alkyl group substituted with at least one substitution group selected from the group consisting of C₁-C₂₀ alkyl, aromatic group as defined below, amino, nitro, phosphorus containing moieties, sulfur containing moieties, ethers, esters, halogens, amino acids, proteins, nucleosidyl moieties, nucleotidyl moieties, nucleic acids, carbohydrates and lipids;
- c) an aromatic group selected from the group consisting of aryl groups, heterocyclic rings including at least one heteroatom from the group consisting of nitrogen, oxygen, sulfur or phosphorus, or polynuclear heterocyclic rings from the group consisting of naphthyl, naphthalene, anthracene and phenanthroline; and
- d) a substituted aromatic group substituted with at least one substitution group selected from the group consisting of C₁-C₂₀ alkyl, aromatic group as defined above, amino, nitro, phosphorus containing moieties, sulfur containing moieties, nucleotidyl moieties, nucleic acids, carbohydrates and lipids.

28. (Amended) A compound according to [claim] claims 26 or 27, wherein said substituted aromatic group is [a biological moiety] substituted with at least one substitution group selected from the group consisting of [nucleoside] a nucleosidyl moiety, [nucleotide] a nucleotidyl moiety, a nucleic acid moiety, a phosphoramidite [nucleoside]

nucleosidyl moiety, an amino acid moiety[,] a protein moiety, a carbohydrate[s] moiety and a lipid[s] moiety.

29. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises a [nucleoside] nucleosidyl moiety.

30. (Amended) A compound according to claim 29, wherein the acetylene bond of said compound is attached to the base of said [nucleoside] nucleosidyl moiety.

31. (Amended) A compound according to claim 30, wherein said base is selected from the group consisting of [adenine] adeninyl, [guanine] guaninyl, [thymine] thyminyl, [cytosine] cytosinyl and [uracil] uracilyl.

32. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises a [nucleotide] nucleotidyl moiety.

33. (Amended) A compound according to claim 32, wherein the acetylene bond of said compound is attached to the base of said [nucleotide] nucleotidyl moiety.

34. (Amended) A compound according to claim 33, wherein said base is selected from the group consisting of [adenine] adeninyl, [guanine] guaninyl, [thymine] thyminyl, [cytosine] cytosinyl and [uracil] uracilyl.

35. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises a nucleic acid moiety.

36. (Amended) A compound according to claim 35, wherein the acetylene bond of said compound is attached to a base of a nucleotide of said nucleic acid moiety.

37. (Amended) A compound according to claim 36, wherein said base is selected from the group consisting of [adenine] adeninyl, [guanine] guaninyl, [thymine] thyminyl, [cytosine] cytosinyl and [uracil] uracilyl.

38. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises a phosphoramidite [nucleoside] nucleosidyl moiety.

39. (Amended) A compound according to claim 38, wherein the acetylene bond of said compound is attached to [the] a base of said [nucleoside] nucleosidyl moiety.

40. (Amended) A compound according to claim 30, wherein said base is selected from the group consisting of [adenine] adeninyl, [guanine] guaninyl, [thymine] thyminyl, [cytosine] cytosinyl and [uracil] uracilyl.

41. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises an amino acid moiety.

E1
concl'd

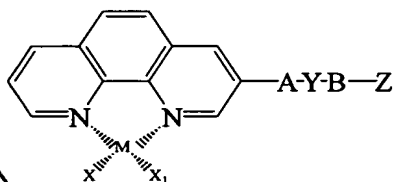
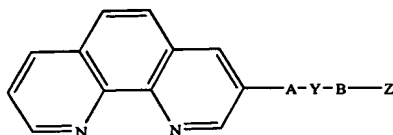
42. (Amended) A compound according to claim 28, wherein said [biological moiety is] substitution group comprises a protein moiety.

43. (Amended) A compound according to [claim] claims 26 or 27, wherein M is selected from the group consisting of ruthenium, rhenium and osmium.

✓
Please add the following claims:

Subt
p2

44. A compound represented by one of the formulae:



E2

wherein

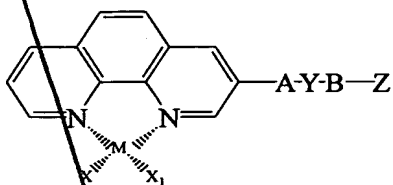
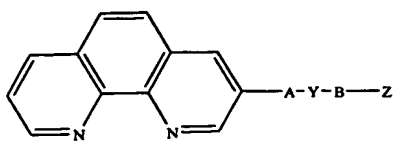
M is a transition metal ion;

the A-Y-B moiety is acetylene;

X and X₁ are co-ligands and wherein at least one of X and X₁ is present; and

Z is a nucleosidyl moiety.

45. A compound represented by one of the formulae:



wherein

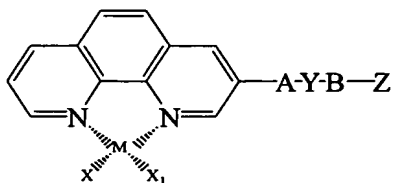
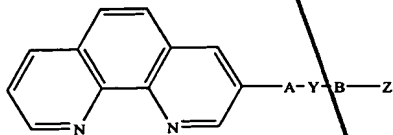
M is a transition metal ion;

the A-Y-B moiety is acetylene;

X and X₁ are co-ligands and wherein at least one of X and X₁ is present; and

Z is a nucleotidyl moiety.

46. A compound represented by one of the formulae:



wherein